

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 September 2005 (22.09.2005)

PCT

(10) International Publication Number
WO 2005/087224 A1

(51) International Patent Classification⁷: A61K 31/353, A61P 35/00, 39/00

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(21) International Application Number:
PCT/KR2005/000747

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 15 March 2005 (15.03.2005)

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2004-0017734 16 March 2004 (16.03.2004) KR

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Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/087224 A1

(54) Title: COMPOSITION FOR STABILIZING EPIGALLOCATECHIN GALLATE (EGCG) IN WATER PHASE AND PREPARATION METHOD THEREOF

(57) Abstract: Disclosed herein are a composition for stabilizing Epigallocatechin gallate (EGCG) in water phase comprising 0.1-25.0% by weight of Epigallocatechin gallate, 0.1-5.0% by weight of a cationic polymer, an anionic polymer or a mixture thereof, 0.1-10.0% by weight of antioxidant in a remainder of water or the mixture of water and a hydrophilic solvent and a preparation method thereof. The composition is not easily decomposed in water phase as well as in external environment consisting of temperature change, light effect etc. because the composition is stabilized by reacting with a cationic polymer or an anionic polymer.